

Datasheet

Cloud Easy Smart Management Switch

WI-PCES306GF | WI-PCES308GF



Overview

Wi-Tek Cloud Easy smart PoE switch provides simple, safe, and easy-to-use local WEB and remote management methods, supports smart deployment, abnormal alarm, ONVIF automatic identification of network cameras, automatic shutdown of loop ports, etc., without professional IT operation and maintenance even beginners can easily use it. Wi-Tek Cloud Easy Smart PoE Switch is the Cost-effective choice for CCTV network solution.

Features

Support Wi-Tek cloud management

ONVIF cameras and Wi-Tek cloud management devices can be remotely managed through Wi-Tek cloud platform/mobile APP, making CCTV network projects truly intelligent and easy to maintain. You can easily access and manage your cameras from your phone or computer anytime, anywhere.

Automatic loop prevention

By default, the switch enables port loop detection. When a loop occurs on the switch, the port which caused the loop will be closed in time to enable the switch to operate properly and maintain service continuity.

Remote Configuration

Common functions such as port restart, PoE restart, VLAN division, maintenance and debugging can be easily solved remotely.

Intelligent Operation and Maintenance

Abnormal alarm can help you locate problems quickly, making your operation and maintenance easier.

Note: The EWEB channel can be created only when the easy smart switch is linked with the other type of Wi-Tek cloud management device, such as cloud L2, L3 management switch, gateway, wireless AP, etc.

Specifications



Model	WI-PCES306GF		WI-PCES308GF	
Hardware Specifications				
Interfaces				
Downlink Ports	4 *10/100/1000Mbps RJ45 Port		8 *10/100/1000Mbps RJ45 Port	
Uplink Ports	1 *1000Mbps RJ45 Port 1 *1000Mbps SFP Slot		1 *1000Mbps RJ45 Port 1 *1000Mbps SFP Slot	
PoE				
PoE Port	Port 1–4: 802.3 af/at		Port 1–8: 802.3af/at	
PoE Standard	IEEE 802.3af/at			
PoE Power Supply Type	End–span			
PoE Pin Assignment	1/2(+), 3/6(–)			
PoE Power	30W Max. for each port, 60W Max. for PoE power budget.			
Performance				
Flash Memory	4MB			
Switch Property				
Standards and Protocols	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.1x, IEEE 802.1q, IEEE 802.1p, IEEE802.3af, IEEE802.3at.			
Forwarding Mode	Store and Forward			
Switching Capacity	12 Gbps		20 Gbps	
Packet Forwarding Rate	8.93 Mpps		14.88 Mpps	
MAC Address Table	2 k		2 k	
Packet Buffer Memory	1 MB		1.5 MB	
Jumbo Frame	9kB		9kB	
Power Supply				
Input Power	52V DC Power Input, 1.25A, 65 W			
Power Consumption	Idle: 1 W 100% Traffic Rate with PoE: 65 W		Idle: 1.5 W 100% Traffic Rate with PoE: 65 W	
Physical Characteristics				
LED Indicators	PWR (Green):	Solid on: The device power on is normal. Off: The device is power off or failed.		
	PoE (Orange):	Solid on: PoE work normally. Off: PoE doesn't work.		
	ACT (Green):	Solid on: Port connected. Blinking: Data transmission. Off: Port disconnected.		

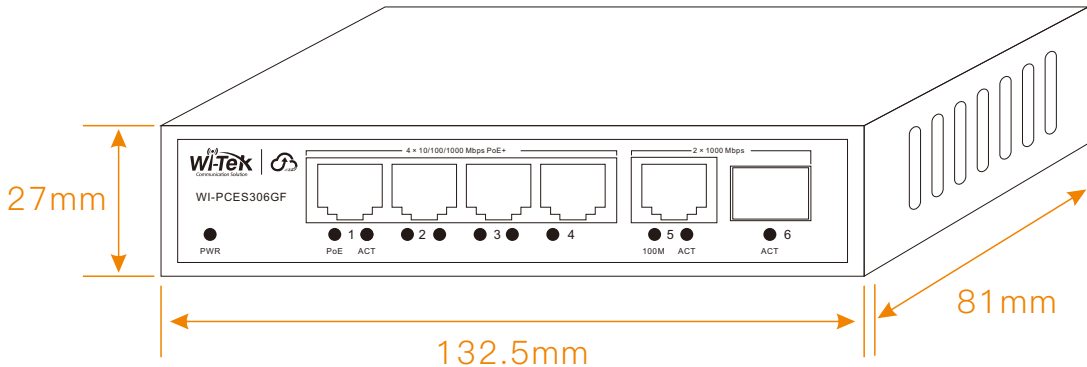
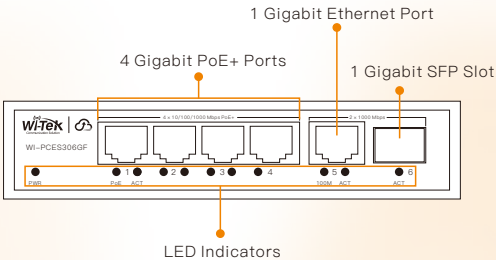
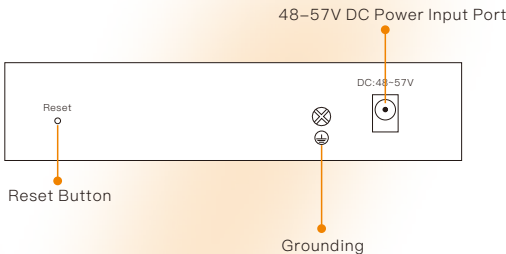


Model		WI-PCES306GF	WI-PCES308GF
Physical Characteristics			
LED Indicators		100M (Orange):	Solid on: 10M/100M. Off: 1000M.
		1000Mbps SFP Interfaces–ACT (Green):	Solid on: Port connected. Blinking: Data transmission. Off: Port disconnected.
Dimensions (W*D*H)		133*81*27 mm	185*94*27 mm
Weight		Net Weight: 0.26kg	Net Weight: 0.46kg
		Package Weight: 0.79 kg	Package Weight: 0.98kg
Installation		Desktop	
Button			
Reset		Hold for >5 sec. to restore factory default.	
Environmental			
Reliability	Surge Immunity	EC 61000–4–5 Common mode 4kV Differential mode 2kV	
	ESD Protection	IEC 61000–4–2 Contact discharge 6kV Air discharge 8kV	
	Protection Class	IP20	
Operating Temperature		0℃ to 40℃	
Operating Humidity		10%~90% RH no condensation	
Storage Temperature		–40℃ to 70℃	
Storage Humidity		5%~95% RH no condensation	
Certification			
Certification		CE, FCC, RoHS, UKCA, RCM	
Software Features			
System Settings		Device Info	
		IP Settings	
		User Management	
		Firmware Upgrade	
		Configuration Backup	
		Reset	
		Reboot	



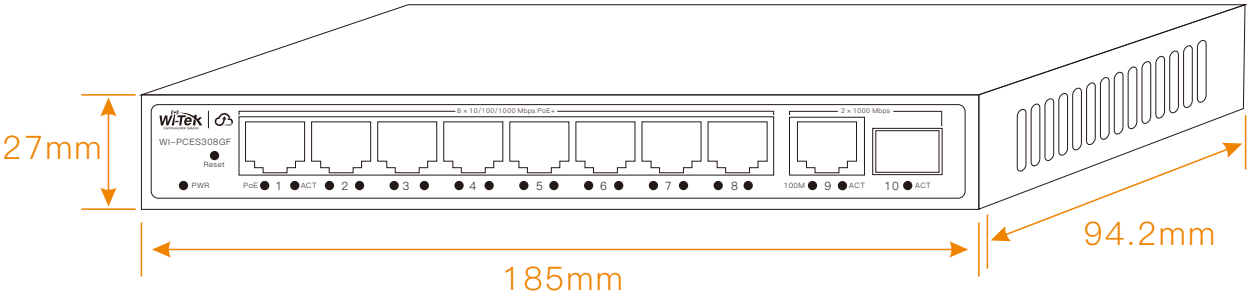
Model		WI-PCES306GF	WI-PCES308GF
Software Features			
Switch Settings	Port Settings		
	Port Statistics		
	Storm Control		
	Port Mirroring		
	Port Isolation		
	Port Bandwidth Control		
	Link Aggregation		
	Loopback Detection		
	MAC Search		
	Static MAC		
VLAN Settings	Port-based VLAN		
	VLAN Range: 1–4094 (Only 8 VLANs can be configured at the same time)		
PoE Settings	PoE port disable		
	PoE Watchdog		
	PoE Reboot		
ONVIF	Onvif Detect		
Cloud Settings	Wi-Tek Devices Discovery Table		

Appearances and Dimensions

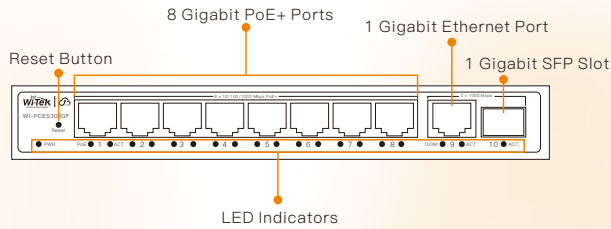
WI-PCES306GF	
Dimensions (mm)	
	
Front Panel	Side Panel
	

WI-PCES308GF

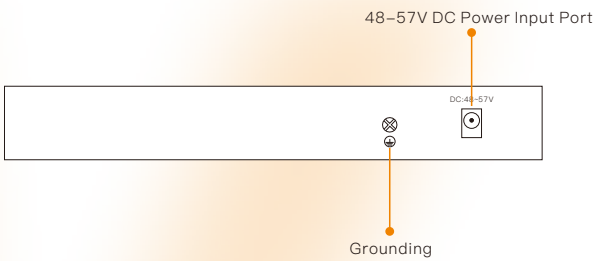
Dimensions (mm)



Front Panel



Side Panel



Package Contents

Welcome to order our products. After purchasing, you will receive:

Items	Quantity
Switch	1 pcs
Power adapter	1 pcs
AC cord	1 pcs
Quick installation guide	1 pcs



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Technical Support



Cloud Management



Company Website